

STEEL STEAMER or MOTORSHIP.

Received at London Office

27 Oct
27 NOV 1930State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *29/10.30.*Port of *Rotterdam.*No. *19015*Survey held at *Rotterdam*Date First Survey *24/7.1929*Last Survey *14/10.1930*On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)* *Single Screw motor "KOTA AGENG" machinery amidship.*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Full scantling.*State Type of Erections *Poop, Bridge & Forecastle.*TONNAGE under Tonnage Deck... *4698.15*CLASS *+ 100 A.1.*State if with freeboard as condition of Class *no.*Built at *Rotterdam.*Do. of space or spaces between Tonnage Dk. and Upper Dk. *18 11.64*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 448.4*Launched *21/5.30.* Yard No. *317.*Total *6509.79.*Breadth (greatest moulded) *B 60.6*Builders *Maats. voor Scheeps & Werktuigbouw. Rotterdam.*Gross Tonnage *7331.43*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 33.6*Owners *Rotterdamse Croyak.*Register Tonnage *4600.56*1st Longitudinal Number (L x D) *= 15019*Managers *W. Puyss. & Zonen.*

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) *= 42143*Residence *Rotterdam.*REGISTERED DIMENSIONS.
FEET.Length *449.60*Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.9"*Breadth *60.83*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.4*Port of Registry *Rotterdam.*Depth *29.67*Do. Long Bridge to top of keel *10.9*

If surveyed while building, afloat, or in dry dock

Draught Moulded *26.53 1/4**Building.*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>762 1/2</i>		Bracket Floors, Frame		
" " from 3/4 length to Collision bulkhead.....	<i>686 1/2</i>		" " Reversed Frame.....		
" " in peaks.....	<i>584 1/2 603 1/2</i>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships <i>1143-14 1/2</i>		
Frame Amidships, Angle, <i>E</i> or <i>F</i>	<i>250 90 11 1/2</i>		" " top Angles	<i>90 90 13 1/2</i>	
" " Extends up to	<i>As approved.</i>		" " bottom Angles	<i>110 110 15 1/2</i>	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>One 11 1/2</i>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<i>1070 13 1/2</i>	
Depth of Framing Girder.....	<i>Bulk angle frames.</i>		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>90 90 11 1/2</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>200 90 12 1/2</i>		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<i>130 130 11 1/2</i>	
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>As approved.</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	<i>every alternate fr. 535 x 557.</i>	
" " Third " " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem.....	<i>every frame</i>	
Framing in Peaks, Angle or <i>E</i>	<i>200 90 12 1/2 11 1/2</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>1159 11 1/2</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>1/8" 6 1/2" and as per rules.</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no.</i>		Breadth and thickness of Middle Line Strake ...	<i>1046 13 1/2</i>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>In accordance with plan/section as per plan/section Shinglers - Floors every frame Interspersed and plating as per rules.</i>		Thickness of remainder in Holds	<i>13 1/2 11 1/2</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	<i>See special plan for m. seating</i>	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>F</i>	<i>230 90 12 1/2</i>	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	<i>230 90 11 1/2</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>			Spacing	<i>762 1/2</i>	
" " Through Plate or Intercoastal Plate...			Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>230 90 13 1/2</i>	
" " Foundation Plate on Floors			Spacing.....	<i>762 1/2</i>	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>250 90 12 1/2</i>	
Side Keelsons, No. each side			Spacing.....	<i>762 1/2</i>	
" " thickness of Intercoastal Plate...			Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>		
" " Angles			Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E</i> or <i>F</i>	<i>250 90 11 1/2</i>	
Solid Floors, thickness and spacing	<i>10 1/2-11-13 1/2 x 762 1/2</i>		Spacing.....	<i>alternate frames.</i>	
" " Are Frame and Reversed Frame joggled?.....	<i>no.</i>		Bridge Deck, Angle, <i>E</i> or <i>F</i>	<i>230 90 11 1/2</i>	
Bracket Floors, breadth and thickness at middle line.....	<i>frames every</i>		Spacing.....	<i>762 1/2</i>	
" " breadth and thickness at margin plate.....	<i>frames throughout.</i>		Forecastle Deck, Angle, <i>E</i> or <i>F</i>	<i>200 75 11 1/2</i>	
			Spacing	<i>every frame.</i>	

PILLARS AND DECKS.

	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	<i>Two Rows Centre BH No 2 Hold 2 girders</i>		
" in 'tween Decks, Size and Spacing.....	<i>105 to 133 7/8 solid</i>		
" " " " " "	<i>Spacing and intermediate size as approved</i>		
" in Holds	<i>160 to 165 7/8 solid 290 x 13 and 350 x 13 1/2 381 x 15 1/2 to 454 x 16 1/2</i>		<i>as plan</i>
" " " " " "	<i>Gillars and all girders in Top Bridge and Forecastle as approved</i>		
Centre Line Bulkhead.			
Stiffeners and Spacing....	<i>No 2 Hold 6.150 x 15 x 9 as m plan.</i>		
Plating, thickness of	<i>4 1/2 m</i>		
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	<i>15 7/8</i>	<i>25 1/2</i>	
" " " " " , in way of Bridge		<i>11 1/2</i>	
" Angle in Wells	<i>180</i>	<i>180</i>	<i>24 7/8</i>
Thickness of Plating abreast Deck openings) in way of Wells		<i>14 7/8</i>	
Thickness of Plating abreast Deck openings) in way of Bridge		<i>10 7/8</i>	
Thickness of Plating within line of openings...	<i>11 1/2</i>	<i>to 8 7/8</i>	
If Sheathed, material and thickness	<i>Teak</i>	<i>5 7/8</i>	
Second Deck.			
Stringer Plate, breadth and thickness in Wells...	<i>13 21/2</i>	<i>10 1/2 m</i>	
Stringer Plate, breadth and thickness in way of Bridge		<i>10 1/2 m</i>	
Thickness of Plating abreast Deck openings) in way of Wells		<i>10 7/8</i>	
Thickness of Plating abreast Deck openings) in way of Bridge		<i>10 7/8</i>	
Thickness of Plating within line of openings...	<i>10-8 1/2</i>	<i>8 7/8</i>	
If Sheathed, material and thickness	<i>none</i>		
Third Deck.			
Stringer Plate, breadth and thickness.....	<i>13 21/2 m</i>	<i>10 1/8 m</i>	
If Plated, state thickness.....		<i>10 to 7 1/2 m</i>	
Fourth Deck.			
Stringer Plate, breadth and thickness.....	<i>✓</i>		
If Plated, state thickness			
Poop Deck.			
Stringer Plate, breadth and thickness	<i>9 40 m</i>	<i>9 7/8</i>	
Plating, Sheathing, material and thickness	<i>Part plated 11 1/2 m</i>	<i>Teak wood 6 4 7/8</i>	
Bridge Deck.			
Stringer Plate, breadth and thickness.....	<i>15 7/8</i>	<i>13 1/2 m</i>	
Plating, Sheathing, material and thickness ...	<i>Plated 11 1/2 m</i>	<i>10 7/8</i>	
Forecastle Deck.			
Stringer Plate, breadth and thickness.....	<i>8 90</i>	<i>9</i>	
Plating, Sheathing, material and thickness ...	<i>Plated 7 1/2 m</i>	<i>Teak 6 4 7/8</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? Yes.	SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing or, to or.		Diam.	Spacing or, to or.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	132 1/2	22	19	19		Double	1"	3 3/4"	Four	1"	3 1/2"	Strapped	
1830 under m.s.													
" DBLG. (if any)													
ABCD													
BOTTOM PLATING, No. of Strakes 4	1836	18	12 1/2	12 1/2	Bottom plates per as per rule.	"	7/8	3 1/2"	Four	7/8"	3 1/2"	Lapped	
BILGE PLATING, No. of Strakes F.F. 2	1836	17	12 1/2	12 1/2		"	7/8	3 1/2"	"	"	3 1/2"	"	
SIDE PLATING, No. of Strakes F.F. 3	1836	16 1/2	11 1/2	11 1/2		"	7/8	3 1/2"	Three	"	3 1/2"	"	
UPPER DECK, Sheer-strake in Wells	1651	24	11 1/2	11 1/2	Sheerstrake at ends of Bridge 32 1/2 as approved.	"	1	3 3/4"	Four (as plans)	1	4	"	
UPPER DECK, Sheer-strake in Bridge ...	"	16 1/2				"	7/8	3 1/2"	Double	7/8	3 1/2"	"	
STRAKE BELOW Sheer-strake in Wells	"	20	11 1/2	11 1/2		"	1	3 3/4"	Four	1	4	"	
STRAKE BELOW Sheer-strake in Bridge ...	"	16 1/2				"	7/8	3 1/2"	Double	7/8	3 1/2"	"	
POOP SIDE PLATING				10		Single	3/4	3	Double	3/4	2 7/8	"	
BRIDGE SIDE PLATING ...		16 1/2				Double	7/8	3 1/2"	Four	7/8	3 1/2"	"	
FOREC'TLE SIDE PLATING			11			Single	3/4	3	Double	3/4	2 7/8	"	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 4 Aft to second Dk as on plan.

„ Deck next below Deep Tank Aft. Dk to Forehead

As per Rule 4

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Flat keel plate.		
STEM		rolled bar. $10\frac{1}{2}" \times 2\frac{5}{8}"$		
STERN FRAME {	Propeller Post	Cast. Steel		
	Rudder "	Special design see plan. Sent with report.		
RUDDER—A × D		See plan		
Speed of Vessel		approved.		
RUDDER mainpiece at head ...		3/4 X	Bochum	
" " heel ...			Verein.	
" " how constructed		Cast. see special design	Certificates enclosed	
" " double or single plate coupling, vertical or horizontal		Double plate.	Bochum	

STEEL.	<p> <i>See page 10 of 11 as approved -</i> Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>Siemens Martin Process</i> <i>Vereinigte Stahlwerke - Hoerder Verein - Putehoffnung-Rütte. Stahl und Walzwerke Byssun.</i> </p>
	<p> Has the Steel been tested as required by the Rules? <i>Yes</i> </p>

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Sister vessel. KOTA. TIANDI. Batam report. No 19201.

Plan approved in London. 1914. 1929. Patent. Rudder and Stern frame sent Pereriff.

Plans approved and copies retained in London.

London letter. 11/9. 1929. Midship Section

profile and top sides

Steel plating; decks etc. as given in Batam letter dated 30/8. 1929.

Do.

13/9. 1929.

Motor sealing

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 45.2.25 M.A.B. 4586. 29/1.20.
2nd " 45.3.11. B.D. 2475. 20/12.29.
3rd " 39.1.0. D.C.B. 3085. 22/2.29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 50.6 ft., R.O.D. ft., Bridge 155. ft., Forecastle 61.25 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 3 steel decks. Upper deck deck sheathed.

Official No.

; Signal Letters

Is bottom of Vessel coated with cement *yes where no oil is carried* if not give

particulars of composition

Paint

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Where Fitted.	Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	127.5	423.	Fore peak tank,	21.2	56.
Double bottom, under Engines and Boilers,			After peak tank,	12.	46.
Double bottom, if under Engines only,	70.	552.	Deep tank, aft,	35.	767.
Double bottom, if under Boilers only,			Deep tank, forward,	24.5	1955.
Double bottom, forward,	180.3.	547.	Other tanks, if fitted,		
Total capacity of double bottom	377.8	1532.	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 764.

Date 25/3.29.

Dates of Surveys held while building

1929 - 24/1 - 29/8 - 26/9 - 8.14/10 - 20/11 - 3.16/12 -

1930 - 6.22/1 - 6.12.21.27.28/2 - 5.9.13.19.21.27.28/3 - 4.8.10.12.14.15.18.25/4 -

1.5.6.10.16.19.21.31/5 - 10.23/6 - 9.17.22.23/7 - 7.11.14.18/8 - 22.27/9 - 9.14/10

Total No. of Visits 52

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